35

TRUCK LIGHT (RED & WHITE)
127'-0" ABV. B.L.
122'-6" ABV. B.L.
4'-6"
ANTENNA YARD
ABSENCE LIGHT (WHITE) 116'-0" ABV. B.L.
ABSENCE, (WHITE) MAN OVER-BOARD & BREAK DOWN LIGHTS (RED,) 110'-0" ABV. B.L.
ABSENCE LIGHT (WHITE) 104'-0" ABV. B.L.
BLINKER LIGHT 102'-6" ABOVE BASELINE.
SIGNALYARD
ABSENCE, (WHITE) MAN OVER BOARD & BREAKDOWN LIGHT (RED) 98'-0" ABV. B.L.
92'-5" ABV. B.L.
RANGE LIGHT, (WHITE) 86'-0" ABOVE BASELINE.
TOWING LIGHT, (WHITE) 80'-0" ABOVE BASE-LINE.
TOWING LIGHT, (WHITE) 74'-0" ABOVE BASELINE.
SIGNALYARD BRACE & ANTENNA
FORESTAY
MASTHEAD STAYS DOUBLE
MASTHEAD SHROUD
MAIN SHROUDS
MAST HEAD LIGHT, (WHITE) 65'-6" ABV. B.L.
ANTENNA
ANCHOR LIGHT (WHITE) 50'-0" ABV W.L.
RADIO DIRECTION FINDER
RANGE FINDER
18" HI. S.L (P&S)
STANDARD COMPASS
18" I. SL (P&S)
FIRE CONTROL PLATFORM
NAVIGATING BRIDGE
SIDE LIGHT (GREEN) 34'-0" ABV. W.L.
LIFE RAFTS P. & S.
26'-9" MOTOR BOAT
HINGED PORT
HINGED PORT
HINGED PORT
HOOD OVER VENT TRUNK OPENING
SUPERSTRUCTURE DECK
UPPER DECK
26'-0" MONOMOY SURF BOAT
25'-10" MOTOR S.B. SURF BOAT (TYPE S)
BOAT BOOM (P&S)
RAIN & SPRAY HOOD
6 POR GUN
5"-51 CAL GUN No2
5"-51 CAL. GUN No1
LEADSMAN PLATFORM
ANCHOR DAVIT
STEERING LIGHT
ANCHOR LIGHT (WHITE) 28'-0" ABV. W.L.
STERN CHOCK
STERN LIGHT (WHITE) IN RECESS
12'-6" W.L
154 A.P.
FP
10
9
8
7
6
5
4
3
2
1

No	PART	DESCRIPTION	APPROVED	DATE	AUTHORI
	A	HAWSE PIPE & FOR'D CHOCKS RELOCATED. FREEING PORTS OMITTED & DRAIN SLOTS SHOWN. OPENINGS & MOULDINGS ON SIDE & DECK HTS. CORRECTED. HANGAR PORTS, AIRPORTS & WHISTLE STEAM LINE RELOCATED AND RIGGING & ANTENNA, AIRPLANE BOOM & RAILS MODIFIED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935.		3/21	

ALTERATIONS

U.S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
OUTBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA., PA.

SCALE 1/4" = 1 FOOT

DRAWN BY PETTIT	DATE
TRACED BY PETTIT	
CHECKED BY HILL	
CHARGE OF DIVISION	12/14/34
CHIEF DRAFTSMAN	1/14/35
SATISFACTORY TO R.B. Lank Jr.	1/14/35
SATISFACTORY TO	

GEORGE W. CAMPBELL
CUTTER NO. 65
SAMUEL D. INGHAM
CUTTER NO. 66
WILLIAM J. DU
CUTTER NO. 6
ROGER B. TANEY
CUTTER NO. 68
ALEXANDER HAMILTON
CUTTER NO. 69
JOHN C. SPEN
CUTTER NO. 7
GEORGE M. BIBB
CUTTER NO. 71

COMMANDER, U.S.C.G.

AUTHORITY
SECT'Y OF NAVY LETTER,
SONYD-IA-Ky-1/29 JAN.
29TH 1934.

CAPTAIN (CC) U.S.N.
MANAGER.

1-14-35

DRAWING NUMBER
C.G.657A-0101-18

CG-327WHEC-0101-18

30 7/8" x 102" = 21.87

BULWARK
MAIN DECK
SECOND DECK
12'-6" D.W.L.
MOLDED ℄
BOTTOM OF KEEL
A.P.
STORES D-208
HAWSER STOWAGE D-207
SEMI-PORTABLE RT.
8'-0" MLD. AT ℄
W.R. W.C.
W.R. W.C. & BATH
W.R. S.R. J
W.R. PASSAGE D-206
E.S.
C.H.
H.
V.L.
STORES D-420
STEERING ENGINE ROOM D-419
ENGINEER SPARE PARTS D-418
ARCH
ACCESS TRUNK
DIESEL OIL D-415-F
SWASH
GASOLINE STOWAGE D-412
2-1500GAL. TANKS
11'-8" MLD.
N.W.T. FLAT
DRAIN HOLE
FILLING PLUG
DRAIN PLUG
℄ SHAFT
W.T.
O.T.
N.W.T. FLAT AT TOP OF KEEL
℄ No 4 GUN FOUND'N. (WAR TIME)
TOWING BITT (PEACE TIME)
℄ #3 GUN (WAR TIME)
W.R. PASSAGE D-205
W.R. S.R. D
W.T. TRUNK D-204
W.R. S.R. B
PASSAGE
BRASS M.H.
V.L. BRASS
SPACE RES. FOR HOIST
WARD ROOM D-203
S. WINDOW WITH W.T. COVER
W. R. PANTRY
PASSAGE D-202
W.O. MESS ROOM
FLUSH H
15"x23" R.W.M.H.
HAND'L. ROOM D-411-M
STORES D-302
W.O. STORES D-301
PASSAGE
CABIN STORES
MINE STOWAGE (PEACE TIME)
(6" POWDER MAG.) WAR TIME
D-408-M
11'-3" MLD.
RESERVE FEED WATER (PEACE TIME)
D-401-W
(1.1" MAGAZINE, WAR TIME)
HAND'L. ROOM WAR TIME
N.W.T. FLAT TO FOLLOW LINE OF TOP OF WEBS
BOAT WINCH
HANGAR DECK
LADDER TO BE STOWED IN HANGAR EXCEPT WHEN PLANE IS ABOARD
ROLLER CURTAIN PORTABLE SECTION & DOOR ON ℄
AIRPLANE BOOM KINGPOST
℄ 1.1" A.A. GUN FOUNDATION ON ℄ OF SHIP
AUXILIARY GENERATOR
RADIO ROOM
7'-0" MLD.
HANGAR AVIATION STORES & WORKSHOP
15'-6" MLD. AT ℄
17'-6" MLD. AT ℄
HINGED PORTS P.&S.
LINE OF FOR'D BULWARK CONTINUED
LINE OF MAIN DK. AT SIDE.
3'-2"
SEMI-PORTABLE PLATE IN WAY OF ENGINE HATCH P. & S.
PASSAGE D-201
PASSAGE C-201
AUXILIARY MACHINERY C-2
8'-3" ABV. ℄
C-2
LUBRICATING OIL TANK
℄ SHAFT P. & S.
ENGINE ROOM C-1
EXH. SYS.
VENT
8'-0" MLD. AT ℄
ESCAPE TRUNK
FOAM GENERATOR
ATMOSPHERIC VENT PIPE
EXHAUST TRUNK
BLOWER ROOM
A.T. ACCESS DOOR
BOILER UPTAKE
BOILER ROOM B-1
GRATING PORT SIDE
AIR DUCT
FLAT
MAIN FEED PUMP
FEED AND FILTER TANK
9'-10" MLD.
MAIN SHROUD
MAST
FORE STAY
FIDLEY SKYLIGHTS 2'-0" x 4'-0"
UPTAKE SPACE
℄ RANGE FINDER
16'-0" NON-MAGNETIC CIRCLE FOR MOVABLE MATERIAL
R.F. WORKING PLAT.
FIRE CONTROL PLAT.
30" I.D. TUBE
WHEEL HOUSE
STEERING COMPASS
NAVIGATING BRIDGE
PASSAGE
PYRO. LOCKER
F.C. S.R.
CHART ROOM
SUPERSTR. DECK
C.O. CABIN
UPPER DECK
BREAD ROOM
TRUNK
B.P.
GALLEY
7'-0" MLD. AT ℄
VEG'L LOCKER
CREWS SPACE (MESSING) A-206
F.O. A-423-F
ENGINEER STORES
F.O. A-423-F
A-421-F F.O. & BALLAST
ARMORY & ORD. STORES
A-307
COLD STORAGE A-306
6'-6" CLEAR HEAD ROOM
HOLD (PEACE TIME) A-415
1.1" MAGAZINE (WAR TIME)
4000 C.F.M. VENT SUPPLY
RAIN & SPRAY HOOD
6 PDR. SALUTING GUN
6 PDR. GUN PLAT.
GUN CREW SHELTER
40'-9" ABOVE ℄
PASSING SCUTTLE ST'BD.
33'-9" ABOVE ℄
LAUNDRY
HOIST
7'-0" ABT.
HOSPITAL
35'-8" ABOVE ℄
DARK ROOM
DENTIST OFFICE
GUN CREW SHELTER
PASSING SCUTTLE PORT
5" GUN #2
20°
15°
BLAST SHIELD
#2 GUN PLATFORM
5" GUN #1
PORTABLE PLATE
PLATFORM
MOVING PICTURE ROOM
W.T. COVER FOR PROJ'R OPENING
SHIPS SERVICE STORE
C.P.O. MESS ROOM
C.P.O. QUARTERS
CREWS SPACE A-205
CREWS SPACE A-204
C.P.O. WASH RM. & W.C.
8'-0" MLD. AT ℄
RELAY TANK
PASSAGE
29'-5" ABOVE ℄
CREWS WASH ROOM A-203
PASSAGE
WINDLASS ROOM A-202
BOATSWAINS STORES A-201
MEDICAL STORES
CLOTHING & SMALL STORES
RADIO STORES
MISC. STORES A-305
PEA COAT LKR.
CREWS SPACE A-304
STORES A-303
PAINT MIXING ROOM A-302
CHAIN L'KRS A-301
SALUTING POWDER (PEACE TIME)
HAND'L. ROOM (WAR TIME) A-412-M
5" PDR. MAG.
TRUNK A-411
SHELL ROOM (PEACE TIME)
HAND'L. ROOM (WAR TIME) A-410-M
F.W. A-407-W
F.W. A-406-W
9'-11" MLD.
12'-0" MLD.
F.W. A-405-W
PUMP ROOM & STORES A-404
PAINT DRUMS A-403
W.T. HANDHOLE
DRAIN WELL
N.W.T. FLAT
PEAK TANK A-402-V
FORE PEAK A-401-V
ANCHOR DAVIT
JACK STAFF
PLATFORM DECK
13'-6" MLD.
F.P.
0 A B C D E F G H
N.W.T. FLAT IN HOLD TO FOLLOW LINE OF TOP OF WEB FRAMES
N.W.T. FLAT 3'-0" ABOVE BASELINE BET. LONGITUDINAL BHDS. IN TRUNK, SALUTIN PWDR, & SHELL ROOM. PORTABLE PLATES IN MAGAZINES
N.W.T. FLAT ON LONG'L #4
10 8 6 4 2 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
E.S.	ESCAPE SCUTTLE
H.	HATCH
V.L.	VERTICAL LADDER
B.P.	BOLTED PLATE
M.H.	MANHOLE
C.H.	COMPANION HATCH
O.M.H.	OIL-TIGHT MANHOLE
O.T.	OIL-TIGHT

No.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.
B		STEERING LIGHT & HANGAR PORTS RELOCATED, NAV. BR. WINDOWS & RIGGING CHANGED, RAILING AROUND RANGE FINDER PLATF. & STRUT FRS. 63-66-2ND DECK ADDED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. VOID SPACE D-420 CHANGED TO STORES, RADIO ANTENNA RELOCATED & ANTENNA LEAD IN TRUNK ADDED. AIRPLANE BOOM, KINGPOST, STANCHIONS, RAILINGS, ETC. & AMM. HOISTS MODIFIED & RELOCATED AND PLAN BROUGHT INTO AGREEMENT WITH DETAIL DRAWINGS.		3/21/35	
A		WINDLASS MOTOR ON 2ND DK. CORRECTED. VENT ADDED ON TOP OF LAUNDRY. BOAT WINCH ON MAIN DK. & HINGED PORTS RELOCATED. STACK & UPTAKES MODIFIED. BRACKET AT AFT END OF HANGAR ADDED. TANK FRS. 92-94½ CHANGED TO LUB. OIL & COMP'T. D-415-F CHANGED TO DIESEL OIL. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/14/35	

ALTERATIONS.

U. S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
INBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE 1/4" = 1 FOOT

DRAWN BY W Sulin	
TRACED BY W Sulin	
CHECKED BY HILL	
CHARGE OF DIVISION	11/16/34
CHIEF DRAFTSMAN	11/21/34
SATISFACTORY TO R.B. Lank Jr. CONSTRUCTOR, U. S. C. G.	11/21/34
SATISFACTORY TO COMMANDER, U. S. C. G.	

AUTHORITY
SECT'Y OF NAVY LETTER, SONYD-IA-Kr-1/29 JAN. 29, 1934

GEORGE W. CAMPBELL
CUTTER NO. 65

SAMUEL D. INGHAM
CUTTER NO. 66

WILLIAM J. DUANE
CUTTER NO. 67

ROGER B. TANEY
CUTTER NO. 68

ALEXANDER HAMILTON
CUTTER NO. 69

JOHN C. SPENCER
CUTTER NO. 70

GEORGE M. BIBB
CUTTER NO. 71

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. (QS13/S1-3(E3)).
DATE NOV. 27, 1934

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS)
LETTER No. CR-202
DATE 12/4/34

J.L. Turner
CAPTAIN (C.C.) U.S.N.
MANAGER.
11-21-34

DRAWING NUMBER.
~~C.G. 657A-0101-16~~ CG-327 WHEC-0101-16

19.5#

29"x103.5"=20.844 SQ.FT.

SIDE LADDER. P. & S.
SIDE LADDER DAVIT SOCKET
OPEN CHOCK
AIRPLANE WINCH
BITT
HINGED PORT
BULWARK RAIL CAP
CLOSED CHOCK IN BULWARK
STERN CHOCK
ENSIGN STAFF
RECESS FOR STERN LIGHT.
A.P.
36"X54" R.W.H. 12" COAMING WITH GRATING
SEMI-PORTABLE PLATE
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT WITH GRATING
DOWN
36"X54" R.W.C.H 12" COAMING 18" ESCAPE SCUTTLE
NO. 4 GUN ℄
TOWING BITT
CAPSTAN & MOTOR
GAS HOSE PIT BOX W.T. COVER
23"×15" R.W.M.H 3⅜" COAMING
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT
HOIST UNDER
NO. 3 GUN ℄
LADDER TO TOP OF HANGAR.
26"X66" WEA.T.D. 9" SILL 8" FIXED LIGHT
36"X54" R.W.C.H. 6" COAMING
STEEL ROLLER CURTAIN
PORTABLE SECTION WITH DOOR
END OF HOUSE (OVER)
HANGAR
AVIATION WORKSHOP & STORES
SEMI-PORTABLE PLATES IN WAY OF ENGINE HATCH UNDER, P.&S.
26"X66" W.T.D. 9" SILL FIXED LIGHT
12" COAMING
SLOPING VENT TRUNK OVER P.&S.
BHD. SLOPES OVER LADDER & VENT P.&S.
18" W.T. ESCAPE SCUTTLE FROM ENGINE ROOM
OPENINGS IN DK. 24"X20"
VENT OPENINGS 4 SQ. FT.
OPENING IN DK. 18"X18"
VENT TRUNK 36" HIGH
SLOPING BHD.
OPENING IN DK. 36"X22" P.&S.
OPENING 35"X50" P.&S.
OPENING IN BHD. P.&S.
12" AIR PORTS
W.T.
BLOWER ROOM
UPTAKE
26"X66" A.T.D. 9" SILL
18"X24" ESCAPE OPENING FROM FIRE ROOM FITTED WITH RAIL
FORCED DRAFT BLOWER OPENING. P.&S.
POTATO PEELER
8" COAM. ℞
2'-0"X4'-0" VEG. LKR.
BOAT BOOM P.&S. FITTED FOR SOUNDING
26'-0" MONOMOY SURFBOAT
25'-10" MOTOR S.B. SURFBOAT P.&S.
LINE OF HOUSE (OVER)
26"X66" W.T.D. 9" SILL WITH FIXED LIGHT.
4" DRAIN P.&S.
2" DRAIN P.&S.
PORTABLE ℞ FOR SHIPPING GALLEY EQUIPMENT.
VENT TRUNK
KETTLE 30 GAL.
ELEC. RANGE BROILER IN BACK SHELF
26"X66" N.W.T.D.D. 9" SILL UPPER HALF W.M.
ELEC. REFRIG.
DRESSER
GALLEY
SINK
GRIDDLE
GUARD RAIL
FRY KETTLE
BAKE OVEN.
PROOFER
BREAD ROOM
TRUNK
MAST OVER
GIRDER OVER
26"X66" 9" SILL N.W.T.D.D. UPPER HALF W.M.
KITCHEN MACH.
15"X30" N.W.B.P. 24" SILL.
MEAT BLOCK
DOUGH TROUGH
BOAT WINCH & MOTOR
26"X66" W.T.D. 9" SILL WITH FIXED LIGHT
26"X66" N.W.T.D.D. 9" SILL
OPENING 36"X54"
RESERVE SPACE FOR FUTURE DOOR
LAUNDRY
26"X66" WEATHER T.D. 9" SILL
30"X66" WEATHER T.D. 9" SILL 8" FIXED LIGHT
CLIPPING ROOM (WAR TIME)
LIFE JACKETS & ABANDON SHIP LKR. (PEACE TIME)
SPACE FOR RES. HOIST
HOSPITAL
TYPE "D" 4-LOCKER
FILE CAB.
FLAT TOP DESK
2 BERTHS
BHD.
T.W. SUP.
DRUG CABINET
INST. CAB.
INST. PRESS. STAND
SURG. STOOL
OPERATING TABLE
DRESSING
UTENSIL
INSTR.
26"X66" M.J.D. 9" SILL
TOILET
W.C.
SLOP SINK
LAV
RACK
DARK ROOM
DRESSER SHELVES OVER
LINEN LOCKER.
VENT.
N.W.T.
36"X54" R.W.C.H. 6" COAM. 18" ESCAPE SCUTTLE
LEADSMAN PLATFORM PORTABLE
3"X30" OPENINGS - 4½ ABOVE DK. IN BULWARK
LKR.
SPACE RESERVED FOR HOIST
GUN CREW
SHELTER
RACK FOR READY SERVICE POWDER
AMMN. PASSING SCUTTLE
W.T.D. 26"X66" 9" SILL
26'-0" WORKING & LEVEL GUN
W.T. TRUNK.
FLUSH 30"X30" W.T. HATCH COAMING FLUSH WITH TOP OF PLATFORM.
5" GUN #1
PLATFORM FITTED WITH PIPE RAIL
CLOSED CHOCK IN BULWARK. P.&S.
LINE OF MAIN DK.
LINE OF BULWARK AND KNUCKLE
24"X24" R.W.H. 12" COAM.
F.P.
ANCHOR DAVIT
JACK STAFF

NO.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.
	C	GAS HOSE PIT BOX & MANHOLE FR. 120 RELOCATED, HOSPITAL SPACES REARRANGED. FREEING PORTS REMOVED & FREEING SLOTS NOTED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. HANGAR PORTS RELOCATED & FRAMING MODIFIED. FIXED LIGHTS, DOOR FR. 51, NO. 1 GUN PLATF., BOAT STOWAGE, AMMN. HOISTS & OPENINGS THRU DECK ETC., FRS. 78 TO 95 MODIFIED & RELOCATED. & ANTENNA STUB MAST REMOVED TO SUIT DETAIL DRAWINGS.	EEB	3/21/35	
	B	BOAT WINCH FRS. 52-58 RELOCATED. VENTS FRS. 50-52 P.&S. AND 12" COAMING & 10" STEP AT OPENING FRS. 78 P.&S. ADDED. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/14/35	
	A	PLAN CORRECTED TO AGREE WITH C.&A. PLAN. TRUNK FRS. 15-17 INDICATED. KNUCKLE AT FR. 70 MODIFIED. DOOR TO GALLEY, FR. 66, PORT CORRECTED. IN ACCORDANCE WITH COMDT. U.S. COAST GUARD LET. No. CR-202 DTD. AUG. 29-1934.	EEB	10/5/34	

ALTERATIONS.

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
WEATH.T.D.	WEATHER TIGHT DOOR
W.T.D.	WATER TIGHT DOOR
R.W.H.	RAISED WATER TIGHT HATCH
R.W.C.H.	RAISED WATER TIGHT COMPANION HATCH
W.T.D.D.	WATER TIGHT DUTCH DOOR
N.W.B.P.	NON-WATER TIGHT BOLTED PLATE
N.W.T.D.D.	NON-WATER TIGHT DUTCH DOOR
R.W.M.H.	RAISED WATER TIGHT MANHOLE
M.J.D.	METAL JOINER DOOR

U.S. COAST GUARD CUTTERS.
C.G. 65 TO 71.
CONTRACT PLAN.
MAIN DECK.

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE 1/4" = 1 FOOT

	DATE.
DRAWN BY PETTIT	
TRACED BY BELLEMAN	
CHECKED BY	
CHARGE OF DIVISION Berkes	8/6/34
CHIEF DRAFTSMAN	8/7/34
SATISFACTORY TO R.B. Lank	8/7/34
SATISFACTORY TO W.R. Daniels	8/7/34

GEORGE W. CAMPBELL CUTTER NO. 65
SAMUEL D. INGHAM CUTTER NO. 66
WILLIAM J. DUANE CUTTER NO. 67
ROGER B. TANEY CUTTER NO. 68
ALEXANDER HAMILTON CUTTER NO. 69
JOHN C. SPENCER CUTTER NO. 70
GEORGE M. BIBB CUTTER NO. 71

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. QS13/S1-3(E3)
DATE AUG. 8-1934.

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS.
LETTER No. CR-202
DATE AUG. 29-1934.

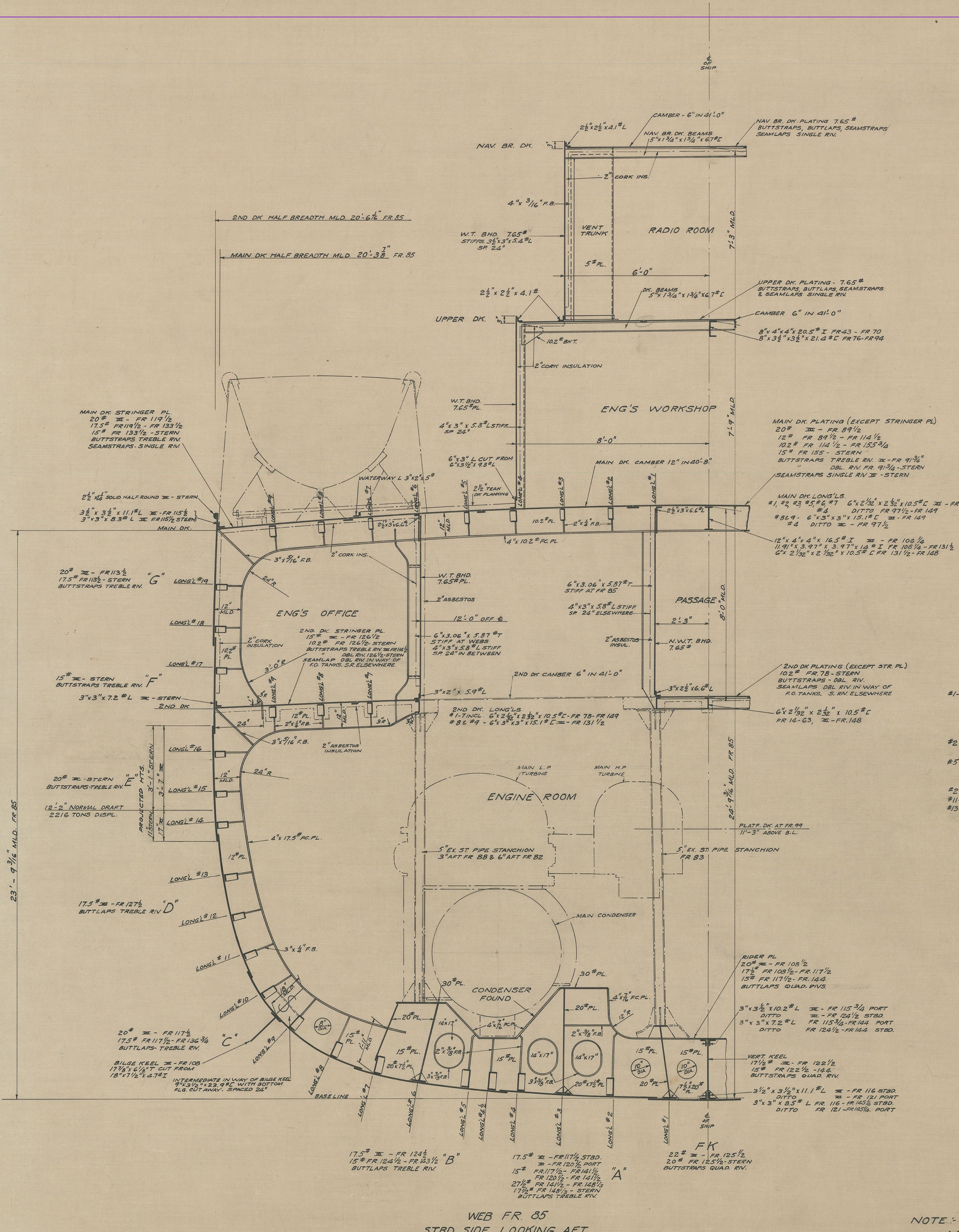
E.B. Brady
LIEUT. COMM. (C.C.) U.S.N.
FOR MANAGER.
8-7-34

AUTHORITY
SECT'Y OF NAVY LETTER, SONYD-IA-Kr- 1/29 JAN. 29, 1934

DRAWING NUMBER.
C.G. 65-71-0101-14
CG-327WHEC-0101-14

19.37

29" x 102⅛" = 20.57 SQ. FT.


℄ OF SHIP
NAV. BR. DK.
CAMBER - 6" IN 41'-0"
2½"x2½"x4.1#L
NAV. BR. DK. BEAMS 5"x1¾"x1¾"x6.7#[
NAV BR. DK. PLATING 7.65# BUTTSTRAPS, BUTTLAPS, SEAMSTRAPS SEAMLAPS SINGLE RIV.
2" CORK INS.
4"x3/16" F.B.
VENT TRUNK
RADIO ROOM
W.T. BHD. 7.65# STIFFS. 3½"x3"x5.4#L SP. 24"
5#PL.
6'-0"
7'-3" MLD.
2ND DK HALF BREADTH MLD. 20'-6 1/16" FR.85
MAIN DK HALF BREADTH MLD. 20'-3 1/8" FR.85
2½"x2½"x4.1#
DK. BEAMS 5"x1¾"x1¾"x6.7#[
UPPER DK.
UPPER DK. PLATING - 7.65# BUTTSTRAPS, BUTTLAPS, SEAMSTRAPS & SEAMLAPS SINGLE RIV.
CAMBER 6" IN 41'-0"
8"x4"x4"x20.5#I FR43 - FR 70
8"x3½"x3½"x21.4#[FR76-FR94
10.2#BKT.
2" CORK INSULATION
W.T. BHD. 7.65#PL.
4"x3"x5.8#L STIFF SP 24"
ENG'S WORKSHOP
8'-0"
7'-9" MLD.
MAIN DK. STRINGER PL. 20# Ⅲ - FR 119½ 17.5# FR119½ - FR 133½ 15# FR 133½ - STERN BUTTSTRAPS TREBLE RIV. SEAMSTRAPS - SINGLE RIV.
WATERWAY L 3"x2"x5#
6"x3" L CUT FROM 6"x3½"x9.8#L
2½" TEAK DK PLANKING
MAIN DK. CAMBER 12" IN 40'-8"
MAIN DK. PLATING (EXCEPT STRINGER PL) 20# Ⅲ - FR. 89½ 12# FR 89½ - FR 114½ 10.2# FR 114½ - FR 155¾ 15# FR 155 - STERN BUTTSTRAPS TREBLE RIV. Ⅲ - FR 91¾" " DBL. RIV. FR. 91¾ - STERN SEAMSTRAPS SINGLE RIV Ⅲ - STERN
2½"x¼" SOLID HALF ROUND Ⅲ - STERN
3½"x3½"x11.1#L Ⅲ - FR 115½
3"x3"x8.3#L Ⅲ FR115½ STERN
MAIN DK.
MAIN DK. LONG'LS. #1, #2, #3, #5, #6, #7 6"x2 1/32"x2 1/32"x10.5#[Ⅲ - FR 149 #4 DITTO FR 97½ - FR 149 #8 & 9 - 6"x3"x3"x15.1#[Ⅲ - FR 149 #4 DITTO Ⅲ - FR 97½
12"x4"x4"x16.5#I Ⅲ - FR 106¼
11.91"x3.97"x3.97"x14#I FR 106¼ - FR131½
6"x2 1/32"x2 1/32"x10.5#[FR 131½ - FR 148
10.2#PL.
2"x¼" F.B.
2½"x3"x6.6#L
4"x10.2#FC.PL.
3"x5/16" F.B.
2" CORK INS.
24"R
20# Ⅲ - FR113½ 17.5# FR113½ - STERN BUTTSTRAPS TREBLE RIV. "G"
LONG'L #19
W.T. BHD. 7.65#PL.
2" ASBESTOS
6"x3.06"x5.87#T STIFF AT FR 85
4"x3"x5.8#L STIFF SP. 24" ELSEWHERE
PASSAGE
8'-0" MLD.
ENG'S OFFICE
12" MLD.
LONG'L 18
2" CORK INSULATION
10.2# PL
12'-0" OFF ℄
2'-3"
2" ASBESTOS INSUL.
N.W.T. BHD. 7.65#
2ND. DK. STRINGER PL. 15# Ⅲ - FR 126½ 10.2# FR 126½ - STERN BUTTSTRAPS TREBLE RIV. Ⅲ FR114½ " DBL RIV. 126½ - STERN SEAMLAP DBL RIV. IN WAY OF F.O. TANKS. S.R. ELSEWHERE.
6"x3.06"x5.87#T STIFF AT WEBS 4"x3"x5.8#L STIFF SP. 24" IN BETWEEN
3'-0"R
LONG'L 17
15# Ⅲ - STERN BUTTSTRAPS TREBLE RIV. "F"
3"x3"x7.2#L Ⅲ - STERN
2ND DK
2ND DK CAMBER 6" IN 41'-0"
3"x2"x5.9#L
3"x2½"x6.6#L
2ND DK PLATING (EXCEPT STR. PL) 10.2# FR. 78 - STERN BUTTSTRAPS - DBL. RIV. SEAMLAPS DBL. RIV. IN WAY OF F.O. TANKS. S. RIV. ELSEWHERE
12#PL.
2"x¼" F.B.
2ND. DK. LONG'LS #1-7 INCL. 6"x2 1/32"x2 1/32"x10.5#[- FR 78 - FR 149 #8 & #9 - 6"x3"x3"x15.1#[Ⅲ - FR 131½
6"x2 1/32"x2 1/32"x10.5#[FR 14-63, Ⅲ - FR.148
24"
3"x5/16" F.B.
2" ASBESTOS INSULATION
LONG'L #16
20# Ⅲ - STERN BUTTSTRAPS - TREBLE RIV. "E"
PROJECTED HTS.
3'-1" STERN
3'-7" Ⅲ
1½" STERN
17" Ⅲ
LONG'L #15
12'-2" NORMAL DRAFT 2216 TONS DISPL.
LONG'L 14
MAIN L.P. TURBINE
MAIN H.P. TURBINE
ENGINE ROOM
24'-9 3/16" MLD. FR 85
23'-9 3/16" MLD. FR 85
PLATF. DK. AT FR.99 11'-3" ABOVE B.L.
4"x17.5# FC.PL.
5" EX. ST. PIPE STANCHION 3" AFT FR 88 & 6" AFT FR 82
5" EX. ST. PIPE STANCHION FR 83
12"PL.
LONG'L #13
17.5# Ⅲ - FR 127½ BUTTLAPS TREBLE RIV "D"
LONG'L 12
MAIN CONDENSER
3"x¼" F.B.
LONG'L 11
30#PL.
30#PL.
CONDENSER FOUND
RIDER PL 20# Ⅲ - FR 108½ 17½# FR 108½ - FR. 117½ 15# FR 117½ - FR. 144 BUTTLAPS QUAD. RIVS.
LONG'L #10
20#PL.
4"x7/16" FC.PL.
12"R
3"x3½"x10.2#L Ⅲ - FR 115¾ PORT DITTO Ⅲ - FR 124½ STBD. 3"x3"x7.2#L FR 115¾ - FR 144 PORT DITTO FR 124½ - FR 144 STBD.
20# Ⅲ - FR 117½ 17.5# FR 117½ - FR 136¾ BUTTLAPS - TREBLE RIV. "C"
BILGE KEEL Ⅲ - FR 108 17 7/8"x6⅛"T CUT FROM 18"x7½"x4.7#I
INTERMEDIATE IN WAY OF BILGE KEEL 9"x3½"x23.9#[WITH BOTTOM FLG. CUT AWAY. SPACED 24"
LONG'L #9
8" DIA
15#PL.
1'-11" MLD.
20#PL.
15#PL.
14"x17"
2"x3/8" F.B.
20"x7½"PL
3"x3/8" F.B.
15#PL.
4"x7/16" FC PL.
14"x17"
14"x17"
2"x3/8" F.B.
20"x7½"PL
10" DIA
15#PL.
10" DIA.
20#PL
7½"x20#PL.
VERT. KEEL 17½# Ⅲ - FR 122½ 15# FR 122½ - 144 BUTTSTRAPS QUAD. RIV.
3½"x3½"x11.1#L Ⅲ - FR 116 STBD. DITTO Ⅲ - FR 121 PORT
3"x3"x8.5#L FR. 116 - FR 145¼ STBD. DITTO FR 121 - FR145¼ PORT
BASE LINE
LONG'L #8
LONG'L #7
LONG'L #6
LONG'L #5
LONG'L #4½
LONG'L #4
LONG'L #3
LONG'L #2
LONG'L #1
℄ OF SHIP
17.5# Ⅲ - FR 124½ 15# FR 124½ - FR 143½ BUTTLAPS TREBLE RIV. "B"
17.5# Ⅲ - FR 117½ STBD. Ⅲ - FR 120½ PORT 15# FR 117½ - FR 141½ FR 120½ - FR 141½ 27½# FR 141½ - FR. 148⅓ 17½# FR 148⅓ - STERN BUTTLAPS TREBLE RIV. "A"
FK 22# Ⅲ - FR 125½ 20# FR 125½ - STERN BUTTSTRAPS QUAD. RIV.

WEB FR. 85
STBD. SIDE LOOKING AFT
SCANTLINGS FROM Ⅲ TO STERN

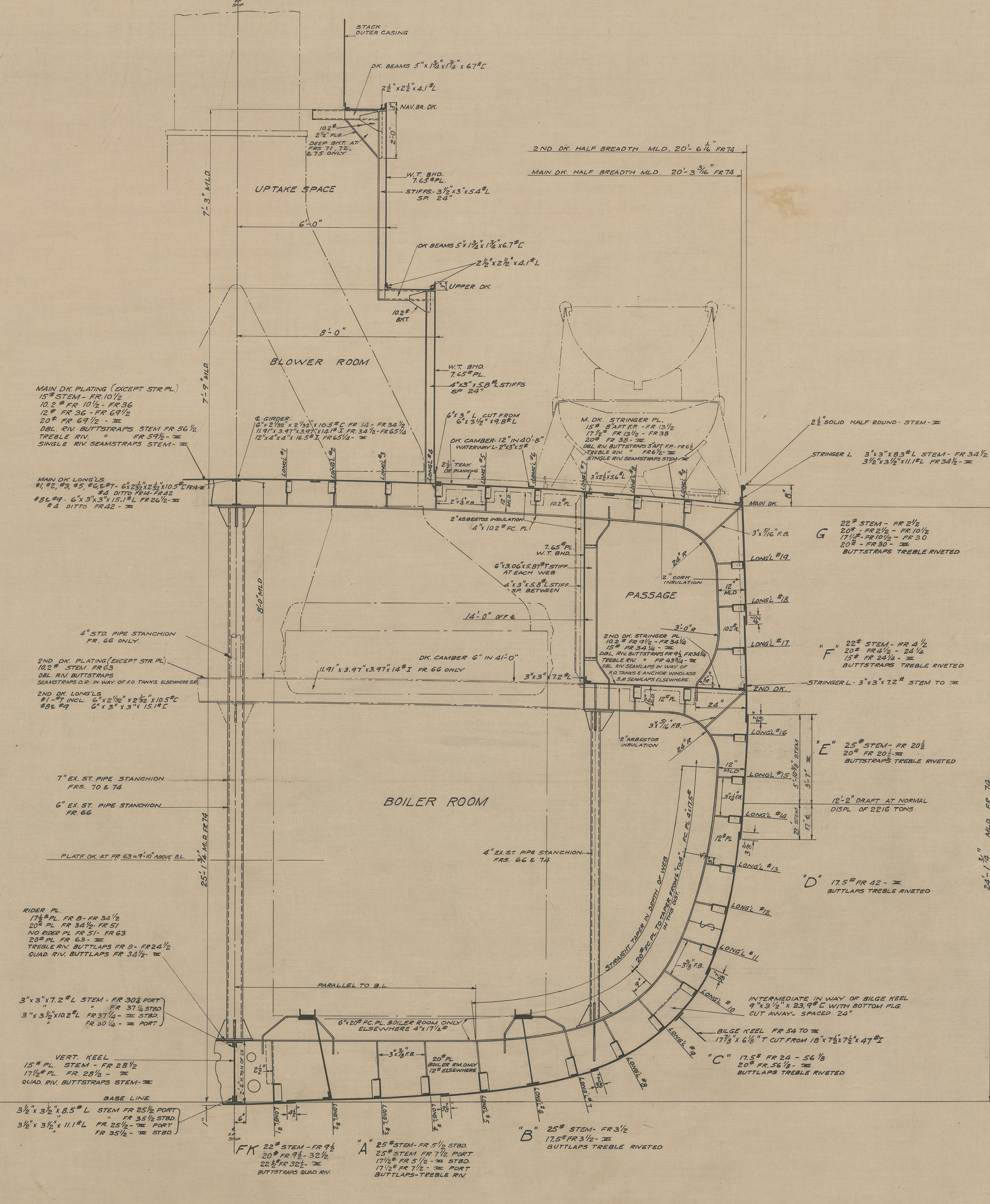
SHELL LONGITUDINALS
(FOR ENTIRE SHIP)

#1-3-4-4½-6-7 — 9"x3½"x3½"x23.9#[
EXCEPT:- #1 - PLATE GIRDER FR 78 - FR 96
#3 " " FR 78 - FR 88
#4 " " FR 123 - FR 131
#6 " " FR 63 - FR 96
#2 PLATE GIRDER FR 14¼ - FR 82; FR 91 - FR 110; FR 141 - FR 144
9"x3½"x3½"x23.9#[FR 82 - FR 91; FR 110 - FR 141
#5 - PLATE GIRDER FR 51 - FR 69; FR 88 - FR 99; FR 135 - FR 148
9"x3½"x3½"x23.9#[- FR 14 - FR 43; FR 69 - FR 86½
FR 119 - FR 135.
#2½ - 8 - 9 - 10 8"x3"x3"x18.7#[
#11 - 12 - 13 - 7"x3"x3"x16.4#[
#13½ - 14 - 15 - 16 - 17 - 18 - 19 - 6"x3"x3"x15.1#[

PLATFORM PLATING
STEM - FR 63
AND FR 99 - 119

12# PL. STEM - FR.5
15# PL. FR.5 - FR.8
8# PL. FR 8 - FR.51
10.2# PL. FR 51 - FR 59
8# PL. FR. 99 - 119
BUTTS & SEAMS BUTT WELDED
DECK LONG'LS 6"x3½"x9.8#Ls
TOED TO DECK AND WELDED
SPACED 24"

NOTE:-
MIDSHIP IS AT FR 77


℄ OF SHIP
STACK OUTER CASING
DK. BEAMS 5"x1¾"x1¾"x6.7#[
2½"x2½"x4.1#L
NAV. BR. DK.
10.2# 2½" FLG. DEEP BKT. AT FRS 71, 72, & 75 ONLY
2'-0"
W.T. BHD. 7.65#PL.
STIFFS - 3½"x3"x5.4#L SP. 24"
UPTAKE SPACE
7'-3" MLD
6'-0"
2ND DK. HALF BREADTH MLD. 20'-6 1/16" FR74
MAIN DK. HALF BREADTH MLD. 20'-3 3/16" FR74
DK BEAMS 5"x1¾"x1¾"x6.7#[
2½"x2½"x4.1#L
UPPER DK.
10.2# BKT.
8'-0"
BLOWER ROOM
7'-9" MLD
W.T. BHD. 7.65#PL.
4"x3"x5.8#L STIFFS SP 24"
MAIN DK. PLATING (EXCEPT STR.PL.) 15# STEM - FR.10½ 10.2# FR 10½ - FR 36 12# FR 36 - FR 69½ 20# FR 69½ - Ⅲ DBL. RIV. BUTTSTRAPS STEM FR 56½ TREBLE RIV. " FR 59½ - Ⅲ SINGLE RIV. SEAMSTRAPS STEM - Ⅲ
℄ GIRDER: 6"x2 1/32"x2 1/32"x10.5#[FR 14 - FR 34½ 11.91"x3.97"x3.97"x14.1#I FR. 34½ - FR 65¼ 12"x4"x4"x16.5#I FR 65¼ - Ⅲ
6"x3" L CUT FROM 6"x3½"x9.8#L
DK. CAMBER - 12" IN 40'-8"
WATERWAY L - 2"x3"x5#
2½" TEAK DK PLANKING
M. DK. STRINGER PL. 15# 8' AFT F.P. - FR 13½ 17½# FR 13½ - FR 38 20# FR 38 - Ⅲ DBL. RIV. BUTTSTRAPS 8' AFT F.P. - FR 6½ TREBLE RIV. " FR 6½ - Ⅲ SINGLE RIV. SEAMSTRAPS STEM - Ⅲ
2½" SOLID HALF ROUND - STEM - Ⅲ
STRINGER L 3"x3"x8.3#L STEM - FR 34½ 3½"x3½"x11.1#L FR 34½ - Ⅲ
MAIN DK LONG'LS. #1, #2, #3, #5, #6, & #7 - 6"x2 1/32"x2 1/32"x10.5#[FR14 - Ⅲ #4 DITTO FR14 - FR42 #8 & #9 - 6"x3"x3"x15.1#L FR 26½ - Ⅲ #4 DITTO FR42 - Ⅲ
3"x2½"x5.6#L
2"x¼" F.B.
12" MLD.
10.2#PL.
MAIN DK.
8"
2" ASBESTOS INSULATION
4"x10.2# FC. PL
3"x5/16" F.B.
G 22# STEM - FR 2½ 20# - FR 2½ - FR. 10½ 17½# - FR 10½ - FR 30 20# - FR 30 - Ⅲ BUTTSTRAPS TREBLE RIVETED
7.65#PL. W.T. BHD.
6"x3.06"x5.87#T STIFF AT EACH WEB
4"x3"x5.8#L STIFF SP. BETWEEN
24"R
LONG'L #19
2" CORK INSULATION
PASSAGE
12" MLD
LONG'L #18
8'-0" MLD
14'-0" OFF ℄
3'-0"R
10.2#PL
LONG'L #17
4" STD. PIPE STANCHION FR. 66 ONLY
2ND. DK. STRINGER PL. 10.2# FR 9½ - FR 34¼ 15# FR 34¼ - Ⅲ DBL. RIV. BUTTSTRAPS FR 9½ FR 34¼ TREBLE RIV. " FR 43¼ - Ⅲ DBL. RIV. SEAMLAPS IN WAY OF F.O. TANKS & ANCHOR WINDLASS S.R. SEAMLAPS ELSEWHERE.
"F" 22# STEM - FR 4½ 20# FR 4½ - 24¼ 15# FR 24¼ - Ⅲ BUTTSTRAPS TREBLE RIVETED
2ND. DK. PLATING (EXCEPT STR. PL.) 10.2# STEM FR 63 DBL. RIV. BUTTSTRAPS SEAMSTRAPS D.R. IN WAY OF F.O. TANKS. ELSEWHERE S.R.
DK. CAMBER 6" IN 41'-0"
11.91"x3.97"x3.97"x14#I FR. 66 ONLY
3"x3"x7.2#L
2ND DK.
STRINGER L - 3"x3"x7.2# STEM TO Ⅲ
2ND DK. LONG'LS #1 - #7 INCL. 6"x2 1/32"x2 1/32"x10.5#[#8 & #9 6"x3"x3"x15.1#[
12#PL.
24"
3"x5/16" F.B.
2" ASBESTOS INSULATION
24"R
LONG'L #16
"E" 25# STEM - FR 20½ 20# FR 20½ - Ⅲ BUTTSTRAPS TREBLE RIVETED
7" EX. ST. PIPE STANCHION FRS. 70 & 74
6" EX. ST. PIPE STANCHION FR. 66
BOILER ROOM
12" MLD
LONG'L #15
5'-10⅜" STEM
3'-7" Ⅲ
12'-2" DRAFT AT NORMAL DISPL OF 2216 TONS
LONG'L #14
23" STEM
17" Ⅲ
25'-1¾" MLD FR 74
24'-1¾" MLD FR 74
PLATF. DK. AT FR 63 = 9'-10" ABOVE B.L.
4" EX. ST. PIPE STANCHION FRS. 66 & 74
12#PL
LONG'L #13
"D" 17.5# FR 42 - Ⅲ BUTTLAPS TREBLE RIVETED
FC. PL. 4"x17.5#
STRAIGHT TAPER IN DEPTH OF WEB
20# FC. PL. TO TAPER FROM 6"TO 4" IN THIS DIST.
LONG'L #12
RIDER PL. 17½# PL. FR 8 - FR 34½ 20# PL FR 34½ - FR 51 NO RIDER PL FR 51 - FR 63 20# PL FR 63 - Ⅲ TREBLE RIV. BUTTLAPS FR 8 - FR24½ QUAD. RIV. BUTTLAPS FR 34½ - Ⅲ
LONG'L #11
3"x3/8" F.B.
PARALLEL TO B.L.
INTERMEDIATE IN WAY OF BILGE KEEL 9"x3½"x23.9#[WITH BOTTOM FLG. CUT AWAY - SPACED 24"
LONG'L 10
3"x3"x7.2#L STEM - FR 30¼ PORT " " FR 37¼ STBD
3"x3½"x10.2#L FR 37¼ - Ⅲ STBD. " FR 30¼ - Ⅲ PORT
6"x20# FC. PL. BOILER ROOM ONLY ELSEWHERE 4"x17½#
BILGE KEEL FR 54 TO Ⅲ 17 7/8"x6⅛"T CUT FROM 18"x7½"x7½"x47#I
3"x3/8" F.B.
20#PL BOILER RM. ONLY 12# ELSEWHERE
LONG'L #9
"C" 17.5# FR 24 - 56⅛ 20# FR. 56⅛ - Ⅲ BUTTLAPS TREBLE RIVETED
VERT. KEEL 15# PL. STEM - FR 28½ 17½# PL. FR. 28½ - Ⅲ QUAD. RIV. BUTTSTRAPS STEM - Ⅲ
2'-6" H.TO H. OF LS
BASE LINE
LONG'L #8
LONG'L #7
LONG'L #6
LONG'L #5
LONG'L #4
LONG'L #3
LONG'L #2
LONG'L #1
3½"x3½"x8.5#L STEM FR 25½ PORT " FR 35½ STBD.
3½"x3½"x11.1#L FR. 25½ - Ⅲ PORT " FR 35½ - Ⅲ STBD.
℄ OF SHIP
6"
FK 22# STEM - FR 9½ 20# FR 9½ - 32½ 22½# FR 32½ - Ⅲ BUTTSTRAPS QUAD. RIV.
"A" 25# STEM - FR 5½ STBD. 25# STEM FR 7½ PORT 17½# FR 5½ - Ⅲ STBD. 17½# FR 7½ - Ⅲ PORT BUTTLAPS - TREBLE RIV.
"B" 25# STEM - FR 3½ 17.5# FR 3½ - Ⅲ BUTTLAPS TREBLE RIVETED

WEB FR 74
STBD. SIDE LOOKING FOR'D
SCANTLINGS FROM STEM TO Ⅲ

WELDING

1. CONNECTION OF BHDS TO SHELL AND DECKS TO BE MADE WITH DOUBLE CONTINUOUS WELDS OF SIZES BASED ON THE EQUIVALENT RIVETED CONNECTION AS SPECIFIED ON BUREAU OF C&R PLANS #214702 & 214707
2. STIFFENER CONNECTIONS TO BHD. PLATING IN WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE BY 50% INTERMITTENT WELDS OF THE SIZES SPECIFIED ON DETAIL PLANS.
3. WEB CONNECTIONS TO SHELL PLATING AND VERTICAL KEEL TO BE MADE WITH DOUBLE CONTINUOUS WELDS ACCORDING TO C&R PLANS #214702 & #214707.
4. WEB CONNECTIONS TO DECKS AND FACE PLATE CONNECTIONS TO WEBS LOCATED IN WAY OF WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE 50% INTERMITTENT WELDS.

GALVANIZING & PICKLING

THE FOLLOWING STRUCTURES ARE TO BE GALV.:-

1. SHELL PLATING COMPLETE BELOW AND INCLUDING WATER LINE STRAKE
2. SHELL LONG'LS, EXCEPT THOSE WHOLLY WITHIN FUEL OIL TANKS (WHICH ARE TO BE BLACK) TRANSVERSE FRAMES, AND FLOORS BELOW 1ST PLATFORM OR 10'-0" W.L. EXCEPT AS NOTED BELOW.
3. KEEL COMPLETE WITH ITS BRACKETS & ANGLES.
4. PLATING ONLY, OF THE PLATFORM, SECOND, AND MAIN DKS., AND ANGLES CONNECTING TO TOP OF DECK PLATES. NO DECK LONG'LS NEED BE GALV. EXCEPT UNDER PLATFORM AND 2ND DECK IN WAY OF WATER TANKS.
5. BHDS BOUNDING RESERVE AND EMERGENCY FEED WATER TANKS, PEAK TANKS, AND DRAINAGE TANKS COMPLETE WITH THEIR STIFFS. IF INSIDE OF TANKS.
6. ENTIRE STRUCTURE WITHIN WATER TANKS.
7. ALL BHD. PLATING AND STIFFS BELOW THE PLATFORM DK. OR 10'-0" W.L. EXCEPT AS FOLLOWS:- BHDS AND STIFFS. WHOLLY WITHIN THE FUEL OIL TANKS ARE NOT TO BE GALV. EXCEPT THE BOTTOM STRAKE OF PLATING, AND ON TRANS. FRAMES AND FLOORS IN WAY OF FUEL AND BALLAST TANKS THE WEB PL. UP TO THE 5TH LONG'L IS THE ONLY PL TO BE GALV.

PICKLING:- WITH THE EXCEPTION OF MATERIAL FURNACED BY SHIP CONTRACTORS ALL BLACK MATERIAL TO BE PICKLED IMMEDIATELY AFTER DELIVERY FROM MILL AND GIVEN ONE COAT OF METALLIC BROWN FORMULA #48A EXCEPT MATERIAL IN WAY OF FUEL OIL TANKS. THIS MATERIAL IS TO BE PICKLED BUT NOT PAINTED BEFORE ERECTION.

NOTE:-
THIS DRG. CANCELS AND SUPERSEDES
DRG. NO. 0101-5

NO	PANEL	DESCRIPTION	APPROVED	DATE	AUTHORITY

ALTERATIONS

COAST GUARD CUTTERS 65-71

MIDSHIP SECTION

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILADELPHIA

SCALE ½" = 1FT.

	DATE
DRAWN BY S. DILLON	4/24/36
TRACED BY S. DILLON	4/24/36
CHECKED BY E.R.	5/6/36.
CHARGE OF DIVISION A M Stefano	5/12/36
CHIEF DRAFTSMAN	6/29/36
EXAMINED	
SATISFACTORY TO	
AUTHORITY	

GEORGE W. CAMPBELL
CUTTER NO. 65
ROGER B. TANEY
CUTTER NO. 68
GEORGE M. BIBB
CUTTER NO. 71

SAMUEL D. INGHAM
CUTTER NO. 66
ALEXANDER HAMILTON
CUTTER NO. 69

WILLIAM J. DUANE
CUTTER NO. 67
JOHN C. SPENCER
CUTTER NO. 70

COMMANDER, U. S. C. G.

R. B. Lank, Jr.
CONSTRUCTOR, U. S. C. G.

S.E. Dudley
LT. COMDR. (CC) USN
6-29-36

CG-327WHEC-0101-21

DRAWING NUMBER
~~CG 65-71-0101-2X~~
DATE 6-29-36

12.94

AREA 69¾" x 28½" = 13.8 SQ FT.